

IN THE CLAIMS:

Please amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. to 7. (Cancelled)

8. (Currently Amended) A data processing apparatus which can communicate with a computer via a network ~~by using any one of plural port numbers, each allocated in correspondence to a respective one of plural kinds of data processes, and which can execute all of the plural kinds of data processes~~, said data processing apparatus comprising:

a reception unit ~~constructed to that~~ receives a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed and a request to obtain ~~the~~ a port number for transmitting ~~the~~ data to be used in the data process;

an address obtaining unit ~~constructed to that~~ obtains an address of a transferring source of the request received by said reception unit;

a discriminating unit ~~constructed to that~~ determines whether ~~or not~~ communication with the computer is to be permitted ~~or not~~, based on the address obtained by said address obtaining unit;

a specifying unit ~~constructed to specify that specifies~~ a one of the plural port number[[s]] that corresponds to the kind of data process ~~to be executed~~ included in the

request received by said reception unit, from among ~~the~~ plural port numbers respectively allocated in correspondence to ~~the~~ plural kinds of data processes; and

a port number notifying unit ~~constructed to notify~~ that notifies the address obtained by said address obtaining unit of the port number specified by said specifying unit in a case where said discriminating unit determines that communication with the computer is to be permitted,

wherein the data process is executed in accordance with data in which the port number to which the data is transmitted is the port number notified by said port number notifying unit.

9. (Currently Amended) A data processing apparatus according to claim 8, further comprising:

a permission notifying unit ~~constructed to notify~~ that notifies said computer ~~of the fact~~ that the communication is permitted in a case where said discriminating unit determines that the communication with the computer is to be permitted.

10. (Previously Presented) A data processing apparatus according to claim 8, wherein said data processing apparatus is a printer.

11. to 17. (Cancelled)

18. (Currently Amended) A communicating method performed in a data processing apparatus which ~~can~~ communicates with a computer via a network ~~by using any~~ one of plural port numbers each allocated in correspondence to a respective one of plural kinds of data processes, and which ~~can execute all of the plural kinds of data processes~~, said data processing apparatus method comprising:

a reception step ~~for~~ of receiving a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed and a request to obtain ~~the~~ a port number for transmitting the data to be used in the data process;

an address obtaining step ~~for~~ of obtaining an address of a transferring source of the ~~of the~~ request received in said reception step;

a discriminating step ~~for~~ of determining whether or not communication with the computer is to be permitted ~~or not~~, based on the address obtained by said address obtaining step;

a specifying step ~~for~~ of specifying ~~one of the plural~~ a port number[[s]] that corresponds to the kind of data process ~~to be executed~~ included in the request received by said reception step, from among the plural port numbers respectively allocated in correspondence to the plural kinds of data processes; and

a port number notifying step ~~for~~ of notifying the address obtained in said address obtaining step of the port number specified by said specifying ~~unit~~ step in a case where said discriminating step ~~determined~~ determines that communication with the computer is to be permitted,

wherein the data process is executed in accordance with data in which the port number to which the data is transmitted is the port number notified by said port number notifying step.

19. (Currently Amended) A method according to claim 18, further comprising:

a permission notifying step ~~for~~ of notifying said computer ~~of the fact that the~~ communication is permitted in a case where said discriminating step determines that communication with the computer is to be permitted.

20. (Previously Presented) A method according to claim 18, wherein said data processing apparatus is a printer.

21. (Cancelled)

22. (Currently Amended) A computer readable recording medium on which ~~is stored a computer executable~~ stores a control program executed by of a data processing apparatus which ~~can~~ communicates with a computer via a network ~~by using any~~ one of plural port numbers each allocated in correspondence to a respective one of plural kinds of data processes, and which ~~can execute all of the plural kinds of data processes,~~ wherein said control program causes a processor of the data processing apparatus to execute:

a reception step to receive a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed and a request to obtain ~~the~~ a port number for transmitting the data to be used in the data process;

an address obtaining step to obtain an address of a transferring source of the request received in said reception step;

a discriminating step to determine whether or not communication with the computer is to be permitted ~~or not~~, based on the address obtained in said address obtaining step;

a specifying step to specify ~~one of the plural~~ a port number[[s]] that corresponds to the kind of data process ~~to be executed~~ included in the request received by said reception step, from among ~~the~~ plural port numbers respectively allocated in correspondence to ~~the~~ plural kinds of data processes; and

a port number notifying step to notify the address obtained in said address obtaining step of the port number specified by said specifying unit in a case where said discriminating step determines that communication with the computer is to be permitted, wherein the data process is executed in accordance with data in which the port number to which the data is transmitted is the port number notified by said port number notifying step.

23. and 24. (Cancelled)

25. (Currently Amended) A data processing apparatus according to claim 8, further comprising:

a port number obtaining unit ~~constructed to that~~ obtains a port number of a transfer destination of data to be received by said reception unit,

wherein said specifying unit specifies the port number obtained by said port number obtaining unit.

26. (Previously Presented) A data processing apparatus according to claim 25, further comprising:

a deciding unit ~~constructed to that~~ decides whether the port number obtained by said port number obtaining unit is a first port number corresponding to a printing process for processing print data, or a second port number corresponding to a managing process for managing the apparatus in accordance with command data,

wherein, if it is determined that the communication with the computer is to be permitted, the printing process or the managing process is executed in accordance with whether the port number obtained by said port number obtaining unit is the first port number or the second port number.

27. (Previously Presented) A data processing apparatus according to claim 25, wherein said discriminating unit makes its determination based on the address, the port number, and permission information showing whether communication with the computer is to be permitted or not.

28. (Currently Amended) A data processing apparatus which can communicate with a computer through a network ~~by using any one of plural port numbers respectively allocated in correspondence to plural kinds of data processes; and which can execute all of the plural kinds of data processes according to data from a computer, said data processing apparatus comprising:~~

a reception unit ~~constructed to that~~ receives~~[[,]]~~ from the computer, the kind of data process to be executed according to data from the computer a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed and a request to obtain a port number for transmitting data to be used in the data process;

a specifying unit ~~constructed to specify one of the plural~~ a port number~~[[s]]~~ that corresponds to the kind of data process included in the request received by said reception unit, from among ~~the~~ plural port numbers respectively allocated in correspondence to ~~the~~ plural kinds of data processes; and

a port number notifying unit ~~constructed to notify that notifies~~ the computer of the port number specified by said specifying unit,

wherein the ~~designated~~ data process is executed according to an indication that the port number to which the data is transferred is the port number notified by said port number notifying unit.

29. (Currently Amended) A data processing apparatus according to claim 28, further comprising a storage unit ~~constructed to that~~ stores the port number specified by

said specifying unit and an address of the computer which transmits the data in association with each other.

30. (Currently Amended) A data processing apparatus according to claim 29, further comprising a judgment unit ~~constructed to~~ that checks the address of the computer which transmits the data and the address of the computer stored in association with the port number in said storage unit with each other, and ~~thus~~ judges whether or not to execute communication with the computer.

31. (Previously Presented) A communicating method according to claim 18, further comprising:

a port number obtaining step of obtaining a port number of a transfer destination of data to be received by said reception step,

wherein said specifying step specifies the port number obtained in said port number obtaining step.

32. (Previously Presented) A communicating method according to claim 31, further comprising:

a deciding step of deciding whether the port number obtained in said port number obtaining step is a first port number corresponding to a printing process for processing print data or a second port number corresponding to a managing process for managing the apparatus in accordance with command data,



wherein, if it is determined that the communication with the computer is to be permitted, the printing process or the managing process is executed in accordance with whether the port number obtained in said port number obtaining step is the first port number or the second port number.

33. (Previously Presented) A communicating method according to claim 31, wherein said discriminating step makes its determination based on the address, the port number, and permission information showing whether communication with the computer is to be permitted or not.

34. (Currently Amended) A data processing method for communication between a data processing apparatus and a computer through a network ~~by using any one of plural port numbers respectively allocated in the data processing apparatus in correspondence to plural kinds of data processes, wherein the data processing apparatus can execute all of the plural kinds of data processes according to data from a computer,~~ said data processing method comprising:

a reception step of receiving[~~[[,]]~~] ~~from the computer, the kind of data process to be executed according to data from the computer~~ a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed and a request to obtain a port number for transmitting data to be used in the data process;

a specifying step of specifying ~~one of the plural~~ a port number[~~[[s]]~~] that

corresponds to the kind of data process included in the request received in said reception step, from among the plural port numbers respectively allocated in correspondence to the plural kinds of data processes; and

a port number notifying step of notifying the computer of the port number specified by said specifying unit,

wherein the ~~designated~~ data process is executed according to an indication that the port number to which the data is transferred is the port number notified in said port number notifying step.

35. (Previously Presented) A data processing method according to claim 34, further comprising a storage step of storing the port number specified in said specifying step and an address of the computer which transmits the data in association with each other.

36. (Currently Amended) A data processing method according to claim 35, further comprising a judgment step of checking the address of the computer which transmits the data and the address of the computer stored in association with the port number in said storage step with each other, and ~~thus~~ judging whether or not to execute communication with the computer.

37. (Currently Amended) A computer readable recording medium on which is stored a computer executable ~~stores a control program to be executed by~~ for a data

processing apparatus which ~~can~~ communicates with a computer through a network by using any one of plural port numbers respectively allocated in correspondence to plural kinds of data processes, and which can execute all of the plural kinds of data processes according to data from a computer, wherein said control program causes a processor of the data processing apparatus to execute:

a reception step of receiving[[,]] ~~from the computer~~, the kind of data process to be executed according to data from the computer a request transmitted from the computer via the network, wherein the request includes a kind of data process to be executed and a request to obtain a port number for transmitting data to be used in the data process;

a specifying step of specifying ~~one of the plural~~ a port number[[s]] that corresponds to the kind of data process included in the request received in said reception step, from among ~~the~~ plural port numbers respectively allocated in correspondence to the plural kinds of data processes; and

a port number notifying step of notifying the computer of the port number specified by said specifying unit,

wherein the ~~designated~~ data process is executed according to an indication that the port number to which the data is transferred is the port number notified in said port number notifying step.